

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A terminal for processing digital audio-visual or multimedia data comprising:
 - a data processing system; and
 - a memory,wherein the data processing system stores in the memory a plurality of user profiles,
wherein each user profile is defined in relation to a connection to an external device and comprises user profile data,
wherein the user profile data includes resource data indicating resources within the terminal accessible by the user, and priority data indicating a priority of the user with respect to other users that access the resources of the terminal and the external device, and
wherein the user profile data further relates to characteristics of a user of the terminal,
wherein the data processing system includes a virtual machine and an object oriented application interface layer,
wherein the application interface layer includes a plurality of class libraries having a user profile class library adapted to define the characteristics of the user profile data,
and
wherein the user profile class library includes a generic class library associated with a definition of generic characteristics of the user profile data and a sub-class library associated with definitions of characteristics associated with a specific user profile.
2. (Previously Presented) The terminal as claimed in claim 1, where each user profile is defined in relation to a mode of operation of the terminal.
3. (Canceled)
4. (Previously Presented) The terminal as claimed in claim 1, where each user profile is defined in relation to an identity of an operator.
5. (Canceled)

6. (Canceled)
7. (Previously Presented) The terminal as claimed in claim 1, where the user profile data comprises data relating to attributes of information to be supplied to the user.
8. (Previously Presented) The terminal as claimed in claim 1, where the user profile data comprises data relating to actions permitted by the user.
9. (Previously Presented) The terminal as claimed in claim 1, where at least one of the characteristics of the user profile data are modifiable during normal operation of the terminal by an operator.
10. (Previously Presented) The terminal as claimed in claim 1, where at least a portion of the user profile data is predetermined by the data processing system of the terminal.
11. (Canceled)
12. (Previously Presented) The terminal as claimed in claim 1, in which the application interface layer comprises at least one class library of the plurality of class libraries defining the operation of the virtual machine with respect to the user profile data.
13. (Previously Presented) The terminal as claimed in claim 1, in which the application interface layer comprises a class library dedicated to memory management of the user profile data in the memory.
14. (Canceled)
15. (Canceled)
16. (Previously Presented) The terminal as claimed in claim 1, comprising a decoder adapted to receive data transmissions in a digital transmission system.
17. (Currently Amended) A method of operation of a terminal for processing digital audio-visual or multimedia data including a data processing system and a memory comprising:
 - storing and accessing in the memory a plurality of user profiles, wherein each user profile is defined in relation to a connection to an external device and comprises user profile data,

wherein the user profile data includes resource data indicating resources within the terminal accessible by the user and priority data indicating a priority of the user with respect to other users that access to the resources of the terminal and the external device, and

wherein the user profile data further relates to the characteristics of a user of the terminal,
wherein the data processing system includes a virtual machine and an object oriented application interface layer,

wherein the application interface layer includes a plurality of class libraries having a user profile class library adapted to define the characteristics of the user profile data,
and

wherein the user profile class library includes a generic class library associated with a definition of generic characteristics of the user profile data and a sub-class library associated with definitions of characteristics associated with a specific user profile.

18.-19. (Cancelled)

20. (Previously Presented) A terminal for processing digital audio-visual or multimedia data comprising:

a data processing system; and

a memory,

wherein the data processing system stores in the memory a plurality of user profiles,

wherein each user profile comprises user profile data relating to characteristics of a user of the terminal,

wherein the data processing system includes a virtual machine and an object oriented application interface layer,

wherein the application interface layer includes a plurality of class libraries having a user profile class library adapted to define the characteristics of the user profile data,
and

wherein the user profile class library includes a generic class library associated with a definition of generic characteristics of the user profile data and a sub-class library associated with definitions of characteristics associated with a specific user profile.